

Title (en)

Disposable absorbent article having a stain resistant topsheet.

Title (de)

Absorbierender Wegwerfartikel mit einer fleckenabweisenden Oberseite.

Title (fr)

Article absorbant jetable ayant une feuille supérieure résistant aux souillures.

Publication

EP 0039974 A1 19811118 (EN)

Application

EP 81200485 A 19810507

Priority

US 14865780 A 19800512

Abstract (en)

[origin: US4324246A] An article of manufacture is disclosed for absorbing liquids, particularly body exudates such as menstrual discharges. An apertured formed film topsheet having a layer of fibers affixed to the inner surface thereof overlays an intermediate layer having a multiplicity of tapered capillaries. The apertured formed film topsheet has a specified combination of caliper, percent open area and percent of apertures having an equivalent hydraulic diameter less than or equal to 0.025 inches (0.064 cm.) which impart a stain resistant character to the topsheet.

IPC 1-7

A61F 13/00; **A61F 13/18**

IPC 8 full level

A61F 13/00 (2006.01); **A61F 13/15** (2006.01); **A61F 13/472** (2006.01); **A61F 13/49** (2006.01); **A61F 13/511** (2006.01); **F16D 45/00** (2006.01)

CPC (source: EP US)

A61F 13/512 (2013.01 - EP US); **A61F 13/51305** (2013.01 - EP US); **A61F 13/47** (2013.01 - EP US); **A61F 13/51** (2013.01 - EP US); **A61F 13/534** (2013.01 - EP US); **A61F 13/537** (2013.01 - EP US); **A61F 2013/51042** (2013.01 - EP US); **A61F 2013/5127** (2013.01 - EP US); **A61F 2013/51409** (2013.01 - EP US); **A61F 2013/53445** (2013.01 - EP US); **A61F 2013/53782** (2013.01 - EP US); **A61F 2013/53908** (2013.01 - EP US)

Citation (search report)

- FR 1138944 A 19570621 - KENDALL & CO
- GB 543761 A 19420311 - JOHNSON & JOHNSON
- GB 2014046 A 19790822 - UNI CHARM CORP
- FR 1483698 A 19670602 - SUMITOMO CHEMICAL CO, et al

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Designated contracting state (EPC)

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DOCDB simple family (application)

US 14865780 A 19800512; AT 81200485 T 19810507; AU 7044381 A 19810511; BR 8102868 A 19810508; CA 377321 A 19810511; DE 3165647 T 19810507; EP 81200485 A 19810507; ES 258204 U 19810511; FI 811450 A 19810512; GR 810164823 A 19810504; HK 61785 A 19850815; IE 103481 A 19810511; JP 7129181 A 19810512; MX 18724081 A 19810511; PH 25611 A 19810508